

	Ref #	Hits	Search Text
1	S1	20181	(polysialic adj acid) or (PSA) or (poly adj sialic adj acid)
2	S2	1203	S1 same peptide
3	S3	37	S2 same (neural adj cell acj adhesion adj molecule or (NCAM))
4	S5	21	S1 same (neural adj cell adj adhesion adj molecule or (NCAM) or (N-CAM)) same peptide
5	S4	218	S1 same (neural adj cell adj adhesion adj molecule or (NCAM) or (N-CAM))
6	S6	72936	"530".clas.
7	S7	0	S6 same (polysialic adj acid or (PSA) or (poly adj sialic adj acid))
8	S8	1787	S6 and (polysialic adj acid or (PSA) or (poly adj sialic adj acid))
9	S9	189	S6 and (polysialic adj acid or (PSA) or (poly adj sialic adj acid)) and (NCAM or (neural adj cell adj adhesion adj molecule) or (N-CAM))
10	S10	12	S9 and medicament
11	S11	174	S9 and pharmaceutical
12	S12	13	rougon-genevieve.in.
13	S13	1	torregrossa-pascal.in.
14	S15	4	nielsen-claus-schafer.in.
15	S14	9	schachner-melitta.in.

```

=> s (b epitope) (p) ((anti-psa) or (poly sialic acid) or (PSA)) (p) (NCAM)
    0* FILE ADISNEWS
    0* FILE ANTE
    0* FILE AQUALINE
    0* FILE BIOENG
    0* FILE BIOTECHABS
    0* FILE BIOTECHDS
    0* FILE BIOTECHNO
13 FILES SEARCHED...
    1 FILE CAPLUS
    0* FILE CEABA-VTB
    0* FILE CIN
    30 FILE DGENE
23 FILES SEARCHED...
    0* FILE ESBIOBASE
    0* FILE FOMAD
    0* FILE FOREGE
32 FILES SEARCHED...
    0* FILE FROSTI
    0* FILE FSTA
    1 FILE IFIPAT
    0* FILE KOSMET
    0* FILE NTIS
    0* FILE NUTRACEUT
    0* FILE PASCAL
47 FILES SEARCHED...
    0* FILE PHARMAML
    1 FILE TOXCENTER
60 FILES SEARCHED...
    1 FILE USPATFULL
    0* FILE WATER

```

5 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STNINDEX

L3 QUE (B EPITOPE) (P) ((ANTI-PSA) OR (POLY SIALIC ACID) OR (PSA)) (P) (NCAM)

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	5.04	68.66

FILE 'MEDLINE' ENTERED AT 09:24:30 ON 27 AUG 2007

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FILE 'TOXCENTER' ENTERED AT 09:24:30 ON 27 AUG 2007
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=> s 13
 L4 2 L3

=> d 14 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2004:326183 CAPLUS
 DN 140:350619
 TI Poly- α 2,8-sialic acid mimetic peptides and their use in the treatment of neurodegenerative and other conditions
 PA Centre National de la Recherche Scientifique (CNRS), Fr.; Universite de la Mediterranee - Aix-Marseille II; Schafer-N; Universitat Hamburg
 SO Eur. Pat. Appl., 36 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

PATENT N.O.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1411061	A1	20040421	EP 2002-292548	20021016
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
CA 2501994	A1	20040429	CA 2003-2501994	20031016
WO 2004035609	A2	20040429	WO 2003-IB5108	20031016
WO 2004035609	A3	20040826	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
AU 2003278501	A1	20040504	AU 2003-278501	20031016
EP 1551867	A2	20050713	EP 2003-769800	20031016
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2006516186	T	20060629	JP 2004-544626	20031016
US 2006122108	A1	20060608	US 2005-531701	20051213
PRAI EP 2002-292548	A	20021016		
WO 2003-IB5108	W	20031016		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 TOXCENTER COPYRIGHT 2007 ACS on STN
 AN 2004:102190 TOXCENTER
 CP Copyright 2007 ACS
 DN CA14022350619U
 TI Poly- α 2,8-sialic acid mimetic peptides and their use in the treatment of neurodegenerative and other conditions
 CS ASSIGNEE: Universitat Hamburg
 PI EP 1411061 A1 21 Apr 2004
 SO (2004) Eur. Pat. Appl., 36 pp.
 CODEN: EPXXDW.
 CY FRANCE
 DT Patent
 FS CAPLUS
 OS CAPLUS 2004:326183
 LA English
 ED Entered STN: 4 May 2004
 Last Updated on STN: 21 Feb 2006

=> s (anti-psa) and (NCAM)
 L5 32 (ANTI-PSA) AND (NCAM)
 => s 15 and cyclic

L6

0 L5 AND CYCLIC

=> d 15 1-32

L5 ANSWER 1 OF 32 MEDLINE on STN
AN 2001368112 MEDLINE
DN PubMed ID: 11207800
TI The highly sialylated isoform of the neural cell adhesion molecule is required for estradiol-induced morphological synaptic plasticity in the adult arcuate nucleus.
AU Hoyk Z; Parducz A; Theodosis D T
CS Laboratory of Molecular Neurobiology, Institute of Biophysics, Biological Research Center, H-6701 Szeged, Hungary.
SO The European journal of neuroscience, (2001 Feb) Vol. 13, No. 4, pp. 649-56.
Journal code: 8918110. ISSN: 0953-816X.
CY France
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 200106
ED Entered STN: 2 Jul 2001
Last Updated on STN: 2 Jul 2001
Entered Medline: 28 Jun 2001

L5 ANSWER 2 OF 32 MEDLINE on STN
AN 2001171861 MEDLINE
DN PubMed ID: 11272170
TI Sialylated form of the neural cell adhesion molecule (**NCAM**): a new tool for the identification and sorting of beta-cell subpopulations with different functional activity.
AU Bernard-Kargar C; Kassis N; Berthault M F; Pralong W; Ktorza A
CS Laboratoire de Physiopathologie de la Nutrition, CNRS ESA 7059, Universite Paris, France.. cbernard@paris7.jussieu.fr
SO Diabetes, (2001 Feb) Vol. 50 Suppl 1, pp. S125-30.
Journal code: 0372763. ISSN: 0012-1797.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 200104
ED Entered STN: 10 Apr 2001
Last Updated on STN: 10 Apr 2001
Entered Medline: 5 Apr 2001

L5 ANSWER 3 OF 32 MEDLINE on STN
AN 2000030156 MEDLINE
DN PubMed ID: 10561692
TI Overexpression of the alpha2,6 (N) sialyltransferase enzyme in human and rat neural cell lines is associated with increased expression of the polysialic acid epitope.
AU Georgopoulou N; Breen K C
CS Department of Pharmacology and Neuroscience, University of Dundee, Ninewells Hospital Medical School, Dundee, Scotland, United Kingdom.
SO Journal of neuroscience research, (1999 Dec 1) Vol. 58, No. 5, pp. 641-51.
Journal code: 7600111. ISSN: 0360-4012.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, U.S. GOV'T, NON-P.H.S.)
LA English
FS Priority Journals
EM 200001

ED Entered STN: 14 Jan 2000
Last Updated on STN: 14 Jan 2000
Entered Medline: 5 Jan 2000

L5 ANSWER 4 OF 32 MEDLINE on STN
AN 1998438475 MEDLINE
DN PubMed ID: 9765230
TI A role for polysialic acid in neural cell adhesion molecule heterophilic binding to proteoglycans.
AU Storms S D; Rutishauser U
CS Department of Neurosciences, Case Western Reserve University, Cleveland, Ohio 44106, USA.
NC EY06107 (NEI)
HD18369 (NICHD)
SO The Journal of biological chemistry, (1998 Oct 16) Vol. 273, No. 42, pp. 27124-9.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
LA English
FS Priority Journals
EM 199811
ED Entered STN: 6 Jan 1999
Last Updated on STN: 6 Jan 1999
Entered Medline: 6 Nov 1998

L5 ANSWER 5 OF 32 MEDLINE on STN
AN 1998429589 MEDLINE
DN PubMed ID: 9756617
TI Alpha 1,6-linked fucose affects the expression and stability of polysialic acid-carrying glycoproteins in Chinese hamster ovary cells.
AU Kojima N; Tachida Y; Tsuji S
CS Molecular Glycobiology, Frontier Research Program, The Institute of Physical and Chemical Research (RIKEN), Wako, Saitama, 351-0198, Japan.
SO Journal of biochemistry, (1998 Oct) Vol. 124, No. 4, pp. 726-37.
Journal code: 0376600. ISSN: 0021-924X.
CY Japan
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 199901
ED Entered STN: 2 Feb 1999
Last Updated on STN: 2 Feb 1999
Entered Medline: 21 Jan 1999

L5 ANSWER 6 OF 32 MEDLINE on STN
AN 1998158340 MEDLINE
DN PubMed ID: 9498575
TI Two polysialic acid synthases, mouse ST8Sia II and IV, synthesize different degrees of polysialic acids on different substrate glycoproteins in mouse neuroblastoma Neuro2a cells.
AU Kojima N; Tachida Y; Tsuji S
CS Molecular Glycobiology, Frontier Research Program, The Institute of Physical and Chemical Research (RIKEN), Wako, Saitama.
SO Journal of biochemistry, (1997 Dec) Vol. 122, No. 6, pp. 1265-73.
Journal code: 0376600. ISSN: 0021-924X.
CY Japan
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 199804

ED Entered STN: 22 Apr 1998
Last Updated on STN: 22 Apr 1998
Entered Medline: 14 Apr 1998

L5 ANSWER 7 OF 32 MEDLINE on STN
AN 95248131 MEDLINE
DN PubMed ID: 7730661
TI A monoclonal antibody against Meningococcus group B polysaccharides used to immunocapture and quantify polysialylated **NCAM** in tissues and biological fluids.
AU Dubois C; Okandze A; Figarella-Branger D; Rampini C; Rougon G
CS Laboratoire de Biologie Cellulaire, Faculte de Medecine Saint Antoine, Paris, France.
SO Journal of immunological methods, (1995 Apr 12) Vol. 181, No. 1, pp. 125-35.
Journal code: 1305440. ISSN: 0022-1759.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 199505
ED Entered STN: 8 Jun 1995
Last Updated on STN: 8 Jun 1995
Entered Medline: 30 May 1995

L5 ANSWER 8 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2003:269540 BIOSIS
DN PREV200300269540
TI PASSIVE MEMBRANE PROPERTIES OF NEURAL STEM CELLS FROM THE ADULT NESTIN - GFP MOUSE DENTATE GYRUS.
AU Fukuda, S. [Reprint Author]; Kato, F.; Yamaguchi, T.; Miyamoto, Y.
[Reprint Author]; Tatsuhiro, H. [Reprint Author]
CS Dept Integrated Biosci, Univ Tokyo, Kashiwa, Japan
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)
Vol. 2002, pp. Abstract No. 127.5. <http://sfn.scholarone.com>. cd-rom.
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 11 Jun 2003
Last Updated on STN: 11 Jun 2003

L5 ANSWER 9 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2002:547140 BIOSIS
DN PREV200200547140
TI Distribution of PSA-NCAM expression in the amygdala of the adult rat.
AU Nacher, J. [Reprint author]; Lanuza, E.; McEwen, B. S.
CS Laboratory of Neuroendocrinology, Rockefeller University, York Avenue, 1230, New York, NY, 10021, USA
nacher@uv.es
SO Neuroscience, (2 September, 2002) Vol. 113, No. 3, pp. 479-484. print.
CODEN: NRSCDN. ISSN: 0306-4522.
DT Article
LA English
ED Entered STN: 23 Oct 2002
Last Updated on STN: 23 Oct 2002

L5 ANSWER 10 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2002:3912 BIOSIS

DN PREV200200003912
TI PSA-NCAM modulates PDGF-induced chemotaxis of O-2A glial progenitor cells.
AU Zang, H. [Reprint author]; Calaora, V. [Reprint author]; Vutskits, L. [Reprint author]; Rougon, G.; Kiss, J. Z. [Reprint author]
CS Morphology, University of Geneva Med. Sch, Geneva 4, Switzerland
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2376. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 28 Dec 2001
Last Updated on STN: 25 Feb 2002

L5 ANSWER 11 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2001:158154 BIOSIS
DN PREV200100158154
TI The highly sialylated isoform of the neural cell adhesion molecule is required for estradiol-induced morphological synaptic plasticity in the adult arcuate nucleus.
AU Hoyk, Zs.; Parducz, A. [Reprint author]; Theodosis, D. T.
CS Laboratory of Molecular Neurobiology, Institute of Biophysics, Biological Research Center, H-6701, Szeged, Hungary
parducz@nucleus.szbk.u-szeged.hu
SO European Journal of Neuroscience, (February, 2001) Vol. 13, No. 4, pp. 649-656. print.
ISSN: 0953-816X.
DT Article
LA English
ED Entered STN: 28 Mar 2001
Last Updated on STN: 15 Feb 2002

L5 ANSWER 12 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2000:49016 BIOSIS
DN PREV200000049016
TI Overexpression of the alpha2,6 (N) sialyltransferase enzyme in human and rat neural cell lines is associated with increased expression of the polysialic acid epitope.
AU Georgopoulou, Niki; Breen, Kieran C. [Reprint author]
CS Dept. of Pharmacology and Neuroscience, University of Dundee, Ninewells Hospital Medical School, Dundee, DD1 9SY, UK
SO Journal of Neuroscience Research, (Dec. 1, 1999) Vol. 58, No. 5, pp. 641-651. print.
CODEN: JNREDK. ISSN: 0360-4012.
DT Article
LA English
ED Entered STN: 3 Feb 2000
Last Updated on STN: 31 Dec 2001

L5 ANSWER 13 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1999:48809 BIOSIS
DN PREV199900048809
TI Alpha 1,6-linked fucose affects the expression and stability of polysialic acid-carrying glycoproteins in Chinese hamster ovary cells.
AU Kojima, Naoya; Tachida, Yuriko; Tsuji, Shuichi [Reprint author]
CS Mol. Glycobiol., Frontier Res. Prog., Inst. Physical Chem. Res., Wako, Saitama 351-0198, Japan
SO Journal of Biochemistry (Tokyo), (Oct., 1998) Vol. 124, No. 4, pp.

726-737. print.

CODEN: JOBIAO. ISSN: 0021-924X.

DT Article

LA English

ED Entered STN: 10 Feb 1999

Last Updated on STN: 10 Feb 1999

L5 ANSWER 14 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1998:490877 BIOSIS

DN PREV199800490877

TI A role for polysialic acid in neural cell adhesion molecule heterophilic binding to proteoglycans.

AU Storms, Scott D.; Rutishauser, Urs [Reprint author]

CS Program Cell. Biochem. Biophys., PO Box 290, Memorial Sloan-Kettering Cancer Cent., 1275 York Ave., New York, NY 10021, USA

SO Journal of Biological Chemistry, (Oct. 16, 1998) Vol. 273, No. 42, pp. 27124-27129. print.

CODEN: JBCHA3. ISSN: 0021-9258.

DT Article

LA English

ED Entered STN: 18 Nov 1998

Last Updated on STN: 18 Nov 1998

L5 ANSWER 15 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1998:134409 BIOSIS

DN PREV199800134409

TI Two polysialic acid synthases, mouse ST8Sia II and IV, synthesize different degrees of polysialic acids on different substrate glycoproteins in mouse neuroblastoma neuro2a cells.

AU Kojima, Naoya; Tachida, Yuriko; Tsuji, Shuichi [Reprint author]

CS Molecular Glycobiol., Frontier Res. Program, Inst. Physical Chemical Res., Wako, Saitama 351-01, Japan

SO Journal of Biochemistry (Tokyo), (Dec., 1997) Vol. 122, No. 6, pp. 1265-1273. print.

CODEN: JOBIAO. ISSN: 0021-924X.

DT Article

LA English

ED Entered STN: 20 Mar 1998

Last Updated on STN: 4 May 1998

L5 ANSWER 16 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1995:268962 BIOSIS

DN PREV199598283262

TI A monoclonal antibody against Meningococcus group B polysaccharides used to immunocapture and quantify polysialylated NCAM in tissues and biological fluids.

AU Dubois, Catherine [Reprint author]; Okandze, Antoine; Figarella-Branger, Dominique; Rampini, Claude; Rougon, Genevieve

CS Lab. Biol. Cell., Fac. Med. St. Antoine, 27 rue de Chaligny, 75371 Paris Cedex 12, France

SO Journal of Immunological Methods, (1995) Vol. 181, No. 1, pp. 125-135.

CODEN: JIMMBG. ISSN: 0022-1759.

DT Article

LA English

ED Entered STN: 26 Jun 1995

Last Updated on STN: 26 Jun 1995

L5 ANSWER 17 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:523622 CAPLUS

DN 139:49505

TI Method for fractionating multipotential nerve stem cells using magnetic

particles
IN Muramatsu, Shinichi; Ito, Tetsuo; Takeshima, Shunsuke; Kawase, Masako;
Ueji, Shiro
PA Kainos Laboratories Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2003189847	A	20030708	JP 2001-394053	20011226
PRAI JP 2001-394053		20011226		

L5 ANSWER 18 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2001:107362 CAPLUS
DN 134:275862
TI Sialylated form of the neural cell adhesion molecule (NCAM): a new tool for the identification and sorting of β -cell subpopulations with different functional activity
AU Bernard-Kargar, Catherine; Kassis, Nadim; Berthault, Marie-France; Pralong, William; Ktorza, Alain
CS Laboratoire de Physiopathologie de la Nutrition, Universite Paris, Paris, 75251, Fr.
SO Diabetes (2001), 50(Suppl. 1), S125-S130
CODEN: DIAEAEZ; ISSN: 0012-1797
PB American Diabetes Association
DT Journal
LA English

RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 19 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1999:778720 CAPLUS
DN 132:91232
TI Overexpression of the α 2,6(N) sialyltransferase enzyme in human and rat neural cell lines is associated with increased expression of the polysialic acid epitope
AU Georgopoulou, Niki; Breen, Kieran C.
CS Department of Pharmacology and Neuroscience, Ninewells Hospital Medical School, University of Dundee, Dundee, DD1 9SY, UK
SO Journal of Neuroscience Research (1999), 58(5), 641-651
CODEN: JNREDK; ISSN: 0360-4012
PB Wiley-Liss, Inc.
DT Journal
LA English

RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 20 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1998:700249 CAPLUS
DN 130:50368
TI A role for polysialic acid in neural cell adhesion molecule heterophilic binding to proteoglycans
AU Storms, Scott D.; Rutishauser, Urs
CS Department of Neurosciences, Case Western Reserve University, Cleveland, OH, 44106, USA
SO Journal of Biological Chemistry (1998), 273(42), 27124-27129
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English

RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 21 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1998:699605 CAPLUS
DN 130:50187
TI Alpha 1,6-linked fucose affects the expression and stability of polysialic acid-carrying glycoproteins in Chinese hamster ovary cells
AU Kojima, Naoya; Tachida, Yuriko; Tsuji, Shuichi
CS Molecular Glycobiology, Frontier Research Program, The Institute of Physical and Chemical Research (RIKEN), Saitama, 351-0198, Japan
SO Journal of Biochemistry (Tokyo) (1998), 124(4), 726-737
CODEN: JOBIAO; ISSN: 0021-924X
PB Japanese Biochemical Society
DT Journal
LA English

RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 22 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1998:61359 CAPLUS
DN 128:203352
TI Two polysialic acid synthases, mouse ST8Sia II and IV, synthesize different degrees of polysialic acids on different substrate glycoproteins in mouse neuroblastoma Neuro2a cells
AU Kojima, Naoya; Tachida, Yuriko; Tsuji, Shuichi
CS Molecular Glycobiology, Frontier Research Program, The Institute of Physical and Chemical Research (RIKEN), Saitama, 351-01, Japan
SO Journal of Biochemistry (Tokyo) (1997), 122(6), 1265-1273
CODEN: JOBIAO; ISSN: 0021-924X
PB Japanese Biochemical Society
DT Journal
LA English

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 23 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1995:496164 CAPLUS
DN 122:260392
TI A monoclonal antibody against Meningococcus group B polysaccharides used to immunocapture and quantify polysialylated NCAM in tissues and biological fluids
AU Dubois, Catherine; Okandze, Antoine; Figarella-Branger, Dominique; Rampini, Claude; Rougon, Genevieve
CS Laboratoire de Biologie Cellulaire, Faculte de Medecine Saint Antoine, 27 rue de Chaligny, Paris, 75371/12, Fr.
SO Journal of Immunological Methods (1995), 181(1), 125-35
CODEN: JIMMBG; ISSN: 0022-1759
PB Elsevier
DT Journal
LA English

L5 ANSWER 24 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1994:99556 CAPLUS
DN 120:99556
TI Structure, metabolism and cell biology of polysialic acids
AU Rougon, Genevieve
CS Lab. Genet. Physiol. Dev., Marseille, F-13288, Fr.
SO European Journal of Cell Biology (1993), 61(2), 197-207
CODEN: EJCBDN; ISSN: 0171-9335
DT Journal; General Review
LA English

L5 ANSWER 25 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 2001080143 EMBASE

TI The highly sialylated isoform of the neural cell adhesion molecule is required for estradiol-induced morphological synaptic plasticity in the adult arcuate nucleus.

AU Hoyk Zs.; Parducz A.; Theodosis D.T.

CS Dr. A. Parducz, Laboratory of Molecular Neurobiology, Institute of Biophysics, Biological Research Center, H-6701 Szeged, Hungary.
parducz@nucleus.szbk.u-szeged.hu

SO European Journal of Neuroscience, (2001) Vol. 13, No. 4, pp. 649-656. .

Refs: 41

ISSN: 0953-816X CODEN: EJONEI

CY United Kingdom

DT Journal; Article

FS 003 Endocrinology
008 Neurology and Neurosurgery
021 Developmental Biology and Teratology

LA English

SL English

ED Entered STN: 16 Mar 2001
Last Updated on STN: 16 Mar 2001

L5 ANSWER 26 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN

AN 2001064349 EMBASE

TI Sialylated form of the neural cell adhesion molecule (NCAM): A new tool for the identification and sorting of β -cell subpopulations with different functional activity.

AU Bernard-Kargar C.; Kassis N.; Berthault M.-F.; Pralong W.; Ktorza A.

CS C. Bernard-Kargar, Lab. Physiopathologie de la Nutr., CNRS ESA 7059, Universite Paris 7, 2 Place Jussieu, 75251 Paris Cedex 05, France.
cbernard@paris7.jussieu.fr

SO Diabetes, (2001) Vol. 50, No. SUPPL. 1, pp. S125-S130. .

Refs: 26

ISSN: 0012-1797 CODEN: DIAEAEZ

CY United States

DT Journal; Conference Article

FS 029 Clinical Biochemistry

LA English

SL English

ED Entered STN: 1 Mar 2001
Last Updated on STN: 1 Mar 2001

L5 ANSWER 27 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN

AN 1999413762 EMBASE

TI Overexpression of the α 2,6 (N) sialyltransferase enzyme in human and rat neural cell lines is associated with increased expression of the polysialic acid epitope.

AU Georgopoulou N.; Breen K.C.

CS Dr. K.C. Breen, Dept. of Pharmacology/Neuroscience, University of Dundee, Ninewells Hospital Medical School, Dundee DD1 9SY, United Kingdom.
k.c.breen@dundee.ac.uk

SO Journal of Neuroscience Research, (1 Dec 1999) Vol. 58, No. 5, pp. 641-651. .

Refs: 41

ISSN: 0360-4012 CODEN: JNREDK

CY United States

DT Journal; Article

FS 008 Neurology and Neurosurgery
029 Clinical Biochemistry

LA English

SL English

ED Entered STN: 16 Dec 1999
Last Updated on STN: 16 Dec 1999

LS ANSWER 28 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 1998370547 EMBASE
TI A role for polysialic acid in neural cell adhesion molecule heterophilic binding to proteoglycans.
AU Storms S.D.; Rutishauser U.
CS U. Rutishauser, Program in Cell. Biochem./Biophysics, Memorial Sloan-Kettering Can. Center, 1275 York Ave., New York, NY 10021, United States. urs@ski.mskcc.org
SO Journal of Biological Chemistry, (16 Oct 1998) Vol. 273, No. 42, pp. 27124-27129.
Refs: 36
ISSN: 0021-9258 CODEN: JBCHA3
CY United States
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English
ED Entered STN: 10 Dec 1998
Last Updated on STN: 10 Dec 1998

LS ANSWER 29 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 1998361065 EMBASE
TI Alpha 1,6-linked fucose affects the expression and stability of polysialic acid-carrying glycoproteins in Chinese hamster ovary cells.
AU Kojima N.; Tachida Y.; Tsuji S.
CS N. Kojima, Molecular Glycobiology, Frontier Research Program, Institute Physical Chemical Research, Wako, Saitama 351-0198, Japan. stsuzi@postman.riken.go.jp
SO Journal of Biochemistry, (1998) Vol. 124, No. 4, pp. 726-737.
Refs: 45
ISSN: 0021-924X CODEN: JOBIAO
CY Japan
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English
ED Entered STN: 12 Nov 1998
Last Updated on STN: 12 Nov 1998

LS ANSWER 30 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 1998012647 EMBASE
TI Two polysialic acid synthases, mouse ST8Sia II and IV, synthesize different degrees of polysialic acids on different substrate glycoproteins in mouse neuroblastoma Neuro2a cells.
AU Kojima N.; Tachida Y.; Tsuji S.
CS S. Tsuji, Molecular Glycobiology, Frontier Research Program, Institute Physical Chemical Research, Wako, Saitama 351-01, Japan
SO Journal of Biochemistry, (1997) Vol. 122, No. 6, pp. 1265-1273.
Refs: 21
ISSN: 0021-924X CODEN: JOBIAO
CY Japan
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English
ED Entered STN: 22 Jan 1998
Last Updated on STN: 22 Jan 1998

LS ANSWER 31 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 95115162 EMBASE

DN 1995115162
TI A monoclonal antibody against Meningococcus group B polysaccharides used to immunocapture and quantify polysialylated **NCAM** in tissues and biological fluids.
AU Dubois C.; Okandze A.; Figarella-Branger D.; Rampipni C.; Rougon G.
CS Laboratoire de Biologie Cellulaire, Faculte de Medecine Saint Antoine, 27 Rue de Chaligny, 75371 Paris Cedex 12, France
SO Journal of Immunological Methods, (1995) Vol. 181, No. 1, pp. 125-135. .
ISSN: 0022-1759 CODEN: JIMMBG
CY Netherlands
DT Journal; Article
FS 004 Microbiology
016 Cancer
026 Immunology, Serology and Transplantation
029 Clinical Biochemistry
LA English
SL English
ED Entered STN: 14 May 1995
Last Updated on STN: 14 May 1995

L5 ANSWER 32 OF 32 TOXCENTER COPYRIGHT 2007 ACS on STN
AN 1999:214069 TOXCENTER
CP Copyright 2007 ACS
DN CA13208091232K
TI Overexpression of the α 2,6(N) sialyltransferase enzyme in human and rat neural cell lines is associated with increased expression of the polysialic acid epitope
AU Georgopoulou, Niki; Breen, Kieran C.
CS Department of Pharmacology and Neuroscience, Ninewells Hospital Medical School, University of Dundee, Dundee, DD1 9SY, UK.
SO Journal of Neuroscience Research, (1999) Vol. 58, No. 5, pp. 641-651.
CODEN: JNREDK. ISSN: 0360-4012.
CY UNITED KINGDOM
DT Journal
FS CAPLUS
OS CAPLUS 1999:778720
LA English
ED Entered STN: 16 Nov 2001
Last Updated on STN: 3 Apr 2002

=> s 15 and (b epitope)
L7 0 L5 AND (B EPITOPE)

=> s (b epitope) and ((polysialic acid) or (psa) or (poly sialic acid))
L8 6 (B EPITOPE) AND ((POLYSIALIC ACID) OR (PSA) OR (POLY SIALIC ACID))

=> d 18 1-6

L8 ANSWER 1 OF 6 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2007:8479 BIOSIS
DN PREV200700017947
TI Methods for isolating molecular mimetics of unique *Neisseria meningitidis* serogroup **B** epitopes.
AU Anonymous; Granoff, Dan M. [Inventor]; Moe, Gregory R. [Inventor]
CS Berkeley, CA USA
ASSIGNEE: Chiron Corporation; Children's Hospital Medical Center of Northern California
PI US 07063949 20060620
SO Official Gazette of the United States Patent and Trademark Office Patents, (JUN 20 2006)
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent

LA English
 ED Entered STN: 20 Dec 2006
 Last Updated on STN: 20 Dec 2006

L8 ANSWER 2 OF 6 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 AN 2003:584700 BIOSIS
 DN PREV200300586888
 TI Molecular mimetics of unique *Neisseria meningitidis* serogroup **B** epitopes.
 AU Granoff, Dan M. [Inventor, Reprint Author]; Moe, Gregory R. [Inventor]
 CS ASSIGNEE: Chiron Corporation; Children's Hospital Medical Center of Northern California
 PI US 6642354 20031104
 SO Official Gazette of the United States Patent and Trademark Office Patents, (Nov 4 2003) Vol. 1276, No. 1. <http://www.uspto.gov/web/menu/patdata.html>. e-file.
 ISSN: 0098-1133 (ISSN print).

DT Patent
 LA English
 ED Entered STN: 10 Dec 2003
 Last Updated on STN: 10 Dec 2003

L8 ANSWER 3 OF 6 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 AN 2000:462232 BIOSIS
 DN PREV200000462232
 TI Antibodies that define unique Meningococcal **B** epitopes and vaccine compositions.
 AU Granoff, Dan M. [Inventor, Reprint author]; Moe, Gregory R. [Inventor]
 CS Berkeley, CA, USA
 ASSIGNEE: Chiron Corporation; Children's Hospital Medical Center of Northern California
 PI US 6048527 20000411
 SO Official Gazette of the United States Patent and Trademark Office Patents, (Apr. 11, 2000) Vol. 1233, No. 2. e-file.
 CODEN: OGUPE7. ISSN: 0098-1133.

DT Patent
 LA English
 ED Entered STN: 25 Oct 2000
 Last Updated on STN: 10 Jan 2002

L8 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2004:326183 CAPLUS
 DN 140:350619
 TI Poly- α 2,8-sialic acid mimetic peptides and their use in the treatment of neurodegenerative and other conditions
 PA Centre National de la Recherche Scientifique (CNRS), Fr.; Universite de la Mediterranee - Aix-Marseille II; Schafer-N; Universitat Hamburg
 SO Eur. Pat. Appl., 36 pp.
 CODEN: EPXXDW

DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1411061	A1	20040421	EP 2002-292548	20021016
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
CA 2501994	A1	20040429	CA 2003-2501994	20031016
WO 2004035609	A2	20040429	WO 2003-IB5108	20031016
WO 2004035609	A3	20040826		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,				

OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
 TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 AU 2003278501 A1 20040504 AU 2003-278501 20031016
 EP 1551867 A2 20050713 EP 2003-769800 20031016
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 JP 2006516186 T 20060629 JP 2004-544626 20031016
 US 2006122108 A1 20060608 US 2005-531701 20051213
 PRAI EP 2002-292548 A 20021016
 WO 2003-IB5108 W 20031016

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1998:163619 CAPLUS
 DN 128:216368
 TI Monoclonal antibodies that define unique meningococcal **B**
 epitopes and their use in the preparation of vaccine compositions
 IN Granoff, Dan; Moe, Gregory R.
 PA Chiron Corporation, USA
 SO PCT Int. Appl., 109 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9808874	A1	19980305	WO 1997-US15167	19970827
	W: CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2264585	A1	19980305	CA 1997-2264585	19970827
	CA 2264585	C	20050614		
	EP 922059	A1	19990616	EP 1997-941371	19970827
	EP 922059	B1	20031022		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 6048527	A	20000411	US 1997-925002	19970827
	JP 2001500372	T	20010116	JP 1998-511915	19970827
	AT 252602	T	20031115	AT 1997-941371	19970827
	US 2002197260	A1	20021226	US 2001-910552	20010723
	US 6642354	B2	20031104		
	US 2004077840	A1	20040422	US 2003-643465	20030819
	US 7063949	B2	20060620		
	US 2006035284	A1	20060216	US 2005-244209	20051005
PRAI	US 1996-25799P	P	19960827		
	US 1997-925002	A1	19970827		
	WO 1997-US15167	W	19970827		
	US 2000-494822	B3	20000131		
	US 2001-910552	A3	20010723		
	US 2003-643465	A1	20030819		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 6 TOXCENTER COPYRIGHT 2007 ACS on STN
 AN 2004:102190 TOXCENTER
 CP Copyright 2007 ACS
 DN CA14022350619U
 TI Poly- α 2,8-sialic acid mimetic peptides and their use in the
 treatment of neurodegenerative and other conditions
 CS ASSIGNEE: Universitat Hamburg

PI EP 1411061 A1 21 Apr 2004
SO (2004) Eur. Pat. Appl., 36 pp.
CODEN: EPXXDW.
CY FRANCE
DT Patent
FS CAPLUS
OS CAPLUS 2004:326183
LA English
ED Entered STN: 4 May 2004
Last Updated on STN: 21 Feb 2006

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, TOXCENTER' ENTERED AT 09:24:30 ON
27 AUG 2007

L4 2 S L3
L5 32 S (ANTI-PSA) AND (NCAM)
L6 0 S L5 AND CYCLIC
L7 0 S L5 AND (B EPITOPE)
L8 6 S (B EPITOPE) AND ((POLYSIALIC ACID) OR (PSA) OR (POLY SIALIC A
=> s (b epitope) and ((ncam) or (neual cell adhesion molecule)) and (anti-psa)
L9 0 (B EPITOPE) AND ((NCAM) OR (NEUAL CELL ADHESION MOLECULE)) AND
 (ANTI-PSA)
=> s ((poly sialic acid) or (psa) or (polysialic acid)) and (ncam or (neural cell
adhesion molecule))
L10 2942 ((POLY SIALIC ACID) OR (PSA) OR (POLYSIALIC ACID)) AND (NCAM OR
 (NEURAL CELL ADHESION MOLECULE))
=> s l10 and (b epitope)
L11 2 L10 AND (B EPITOPE)
=> s l10 and peptide
L12 124 L10 AND PEPTIDE
=> s l12 and epitope
L13 36 L12 AND EPITOPE
=> d l13 1-36

L13 ANSWER 1 OF 36 MEDLINE on STN
AN 2007180293 MEDLINE
DN PubMed ID: 17317015
TI Site-directed antibodies to low-voltage-activated calcium channel CaV3.3
 (alphalI) subunit also target **neural cell**
 adhesion molecule-180.
AU Chen Y; Sharp A H; Hata K; Yunker A M R; Polo-Parada L; Landmesser L T;
 McEnery M W
CS Department of General Medical Sciences, Case Western Reserve University,
 School of Medicine, 10900 Euclid Avenue, Cleveland, OH 44106, USA.
NC 5R01MH55747 (NIMH)
SO Neuroscience, (2007 Mar 30) Vol. 145, No. 3, pp. 981-96. Electronic
 Publication: 2007-02-20.
 Journal code: 7605074. ISSN: 0306-4522.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, N.I.H., EXTRAMURAL)
LA English
FS Priority Journals
EM 200706
ED Entered STN: 27 Mar 2007
 Last Updated on STN: 14 Jun 2007
 Entered Medline: 13 Jun 2007

L13 ANSWER 2 OF 36 MEDLINE on STN
AN 2005483854 MEDLINE
DN PubMed ID: 16027151
TI Specific amino acids in the first fibronectin type III repeat of the
 neural cell adhesion molecule play a
 role in its recognition and polysialylation by the polysialyltransferase
 ST8Sia IV/PST.
AU Mendiratta Shalu Shiv; Sekulic Nikolina; Lavie Arnon; Colley Karen J
CS Department of Biochemistry and Molecular Genetics, University of Illinois
 at Chicago College of Medicine, 60607, USA.
NC R01 GM63483 (NIGMS)

SO The Journal of biological chemistry, (2005 Sep 16) Vol. 280, No. 37, pp. 32340-8. Electronic Publication: 2005-07-18.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, N.I.H., EXTRAMURAL)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
LA English
FS Priority Journals
EM 200510
ED Entered STN: 13 Sep 2005
Last Updated on STN: 21 Oct 2005
Entered Medline: 20 Oct 2005

L13 ANSWER 3 OF 36 MEDLINE on STN
AN 2004366913 MEDLINE
DN PubMed ID: 15131117
TI Selection of poly-alpha 2,8-sialic acid mimotopes from a random phage peptide library and analysis of their bioactivity.
AU Torregrossa Pascal; Buhl Lone; Bancila Mircea; Durbec Pascale; Schafer Claus; Schachner Melitta; Rougon Genevieve
CS Laboratoire de Neurogenese et Morphogenese dans le Developpement et chez l'Adulte, Unite Mixte de Recherche CNRS 6156, Universite de la Mediterranee, Institut de Biologie du Developpement, Parc Scientifique de Luminy, 13288 Marseille 9, France.
SO The Journal of biological chemistry, (2004 Jul 16) Vol. 279, No. 29, pp. 30707-14. Electronic Publication: 2004-05-06.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 200408
ED Entered STN: 25 Jul 2004
Last Updated on STN: 18 Aug 2004
Entered Medline: 17 Aug 2004

L13 ANSWER 4 OF 36 MEDLINE on STN
AN 2003243307 MEDLINE
DN PubMed ID: 12765790
TI Localization of defined carbohydrate epitopes in bovine polysialylated NCAM.
AU Wuhrer Manfred; Geyer Hildegard; von der Ohe Maren; Gerardy-Schahn Rita; Schachner Melitta; Geyer Rudolf
CS Biochemisches Institut, Fachbereich Humanmedizin, Friedrichstrasse 24, Universitat Giessen, 35392 Giessen, Germany.
SO Biochimie, (2003 Jan-Feb) Vol. 85, No. 1-2, pp. 207-18.
Journal code: 1264604. ISSN: 0300-9084.
CY France
DT (COMPARATIVE STUDY)
Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 200412
ED Entered STN: 28 May 2003
Last Updated on STN: 17 Dec 2003
Entered Medline: 22 Dec 2004

L13 ANSWER 5 OF 36 MEDLINE on STN
AN 2001391602 MEDLINE
DN PubMed ID: 11425798
TI Characterization of N-glycans from mouse brain neural

cell adhesion molecule.

AU Liedtke S; Geyer H; Wührer M; Geyer R; Frank G; Gerardy-Schahn R;
Zahringer U; Schachner M

CS Zentrum für Molekulare Neurobiologie, Universität Hamburg, D-20246
Hamburg, Germany.

SO Glycobiology, (2001 May) Vol. 11, No. 5, pp. 373-84.
Journal code: 9104124. ISSN: 0959-6658.

CY England: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)

LA English

FS Priority Journals

EM 200109

ED Entered STN: 1 Oct 2001
Last Updated on STN: 1 Oct 2001
Entered Medline: 27 Sep 2001

L13 ANSWER 6 OF 36 MEDLINE on STN

AN 2001112880 MEDLINE

DN PubMed ID: 11133150

TI The *polysialic acid* moiety of the *neural cell adhesion molecule* is involved in intraretinal guidance of retinal ganglion cell axons.

AU Monnier P P; Beck S G; Bolz J; Henke-Fahle S

CS Department of Ophthalmology, University of Tübingen, Schleichstrasse 12,
Tübingen, D-72076, Germany.

SO Developmental biology, (2001 Jan 1) Vol. 229, No. 1, pp. 1-14.
Journal code: 0372762. ISSN: 0012-1606.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)

LA English

FS Priority Journals

EM 200102

ED Entered STN: 22 Mar 2001
Last Updated on STN: 22 Mar 2001
Entered Medline: 8 Feb 2001

L13 ANSWER 7 OF 36 MEDLINE on STN

AN 93322313 MEDLINE

DN PubMed ID: 8331067

TI Complete nucleotide sequence of the bacteriophage K1F tail gene encoding endo-N-acetylneuramidase (endo-N) and comparison to an endo-N homolog in bacteriophage PK1E.

AU Petter J G; Virmi E R

CS Department of Veterinary Pathobiology, University of Illinois,
Urbana-Champaign 61801.

NC AI23039 (NIAID)

SO Journal of bacteriology, (1993 Jul) Vol. 175, No. 14, pp. 4354-63.
Journal code: 2985120R. ISSN: 0021-9193.

CY United States

DT (COMPARATIVE STUDY)
Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, U.S. GOV'T, NON-P.H.S.)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)

LA English

FS Priority Journals

OS GENBANK-M63657

EM 199308

ED Entered STN: 26 Aug 1993
Last Updated on STN: 3 Feb 1997
Entered Medline: 13 Aug 1993

L13 ANSWER 8 OF 36 MEDLINE on STN

AN 93262968 MEDLINE
DN PubMed ID: 7684180
TI Comparison of immunoreactivity between two different monoclonal antibodies recognizing *peptide* and *polysialic acid* chain *epitopes* on the *neural cell adhesion molecule* in normal tissues and lung tumors.
AU Tome Y; Hirohashi S; Noguchi M; Matsuno Y; Shimosato Y
CS Clinical Laboratory Division, National Cancer Center Hospital, Tokyo, Japan.
SO Acta pathologica japonica, (1993 Apr) Vol. 43, No. 4, pp. 168-75.
Journal code: 0372637. ISSN: 0001-6632.
CY Australia
DT (COMPARATIVE STUDY)
Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 199306
ED Entered STN: 25 Jun 1993
Last Updated on STN: 29 Jan 1996
Entered Medline: 16 Jun 1993

L13 ANSWER 9 OF 36 MEDLINE on STN
AN 93215925 MEDLINE
DN PubMed ID: 8462735
TI A functional role for the middle extracellular region of the *neural cell adhesion molecule* (*NCAM*) in axonal fasciculation and orientation.
AU Pollerberg G E; Beck-Sickinger A
CS Max-Planck Institute for Developmental Biology, Department of Biochemistry, Tübingen, Germany.
SO Developmental biology, (1993 Apr) Vol. 156, No. 2, pp. 324-40.
Journal code: 0372762. ISSN: 0012-1606.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 199304
ED Entered STN: 21 May 1993
Last Updated on STN: 21 May 1993
Entered Medline: 30 Apr 1993

L13 ANSWER 10 OF 36 MEDLINE on STN
AN 90243782 MEDLINE
DN PubMed ID: 2186048
TI Olfactory neurons express a unique glycosylated form of the *neural cell adhesion molecule* (N-CAM).
AU Key B; Akeson R A
CS Division of Basic Research, Children's Hospital Research Foundation, Cincinnati, Ohio 45229.
NC HD-21065 (NICHD)
NS-23348 (NINDS)
SO The Journal of cell biology, (1990 May) Vol. 110, No. 5, pp. 1729-43.
Journal code: 0375356. ISSN: 0021-9525.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
LA English
FS Priority Journals
EM 199006
ED Entered STN: 6 Jul 1990
Last Updated on STN: 29 Jan 1999
Entered Medline: 8 Jun 1990

L13 ANSWER 11 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on
STN
AN 2007:323196 BIOSIS
DN PREV200700337398
TI Site-directed antibodies to low-voltage-activated calcium channel Ca(v)3.3
(ALPHA1I) subunit also target **neural cell adhesion molecule-180**.
AU Chen, Y.; Sharp, A. H.; Hata, K.; Yunker, A. M. R.; Polo-Parada, L.;
Landmesser, L. T.; McEnery, M. W. [Reprint Author]
CS Case Western Reserve Univ, Dept Gen Med Sci, Sch Med, 10900 Euclid Ave,
Cleveland, OH 44106 USA
mwm4@case.edu
SO Neuroscience, (MAR 30 2007) Vol. 145, No. 3, pp. 981-996.
CODEN: NRSCDN. ISSN: 0306-4522.
DT Article
LA English
ED Entered STN: 30 May 2007
Last Updated on STN: 30 May 2007

L13 ANSWER 12 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on
STN
AN 2004:351979 BIOSIS
DN PREV200400352621
TI Selection of poly-alpha 2,8-sialic acid mimotopes from a random phage
peptide library and analysis of their bioactivity.
AU Torregrossa, Pascal; Buhl, Lone; Bancila, Mircea; Durbec, Pascale;
Schafer, Claus; Schachner, Melitta; Rougon, Genevieve [Reprint Author]
CS Inst Dev BiolLab Neurogenese and Morphogenese Dev and Chez
AdulalteCNRS,Unite Mixte Rech 6156, Univ Mediterranee, Parc Sci Luminy,
F-13288, Marseille, 9, France
rougon@ibdm.univ-mrs.fr
SO Journal of Biological Chemistry, (July 16 2004) Vol. 279, No. 29, pp.
30707-30714, 30697. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 26 Aug 2004
Last Updated on STN: 26 Aug 2004

L13 ANSWER 13 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on
STN
AN 2003:385095 BIOSIS
DN PREV200300385095
TI Localization of defined carbohydrate **epitopes** in bovine
polysialylated **NCAM**.
AU Wuhrer, Manfred; Geyer, Hildegard; von der Ohe, Maren; Gerardy-Schahn,
Rita; Schachner, Melitta; Geyer, Rudolf [Reprint Author]
CS Fachbereich Humanmedizin, Biochemisches Institut, Universitaet Giessen,
Friedrichstrasse 24, 35392, Giessen, Germany
Rudolf.Geyer@biochemie.med.uni-giessen.de
SO Biochimie (Paris), (January-February 2003) Vol. 85, No. 1-2, pp. 207-218.
print.
CODEN: BICMBE. ISSN: 0300-9084.
DT Article
LA English
ED Entered STN: 20 Aug 2003
Last Updated on STN: 20 Aug 2003

L13 ANSWER 14 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on
STN
AN 2001:354705 BIOSIS
DN PREV200100354705
TI Characterization of N-glycans from mouse brain **neural**

cell adhesion molecule.

AU Liedtke, S.; Geyer, H.; Wührer, M.; Geyer, R. [Reprint author]; Frank, G.; Gerurdy-Schahn, R.; Zaehringer, U.; Schachner, M.

CS Biochemisches Institut am Klinikum der Universitaet, Friedrichstrasse 24, D-35392, Giessen, Germany

SO Glycobiology, (May, 2001) Vol. 11, No. 5, pp. 373-384. print.
ISSN: 0959-6658.

DT Article

LA English

ED Entered STN: 2 Aug 2001
Last Updated on STN: 19 Feb 2002

L13 ANSWER 15 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2001:94409 BIOSIS

DN PREV200100094409

TI The *polysialic acid* moiety of the *neural cell adhesion molecule* is involved in intraretinal guidance of retinal ganglion cell axons.

AU Monnier, Philippe P.; Beck, Sven G. M.; Bolz, Juergen; Henke-Fahle, Sigrid [Reprint author]

CS Department of Ophthalmology, University of Tuebingen, Schleichstrasse 12, 72076, Tuebingen, Germany
sigrid.henke-fahle@med.uni-tuebingen.de

SO Developmental Biology, (January 1, 2001) Vol. 229, No. 1, pp. 1-14. print.
CODEN: DEBIAO. ISSN: 0012-1606.

DT Article

LA English

ED Entered STN: 21 Feb 2001
Last Updated on STN: 12 Feb 2002

L13 ANSWER 16 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1993:396091 BIOSIS

DN PREV199396071391

TI Complete nucleotide sequence of the bacteriophage K1F tail gene encoding endo-N-acylneuraminidase (endo-N) and comparison to an endo-N homolog in bacteriophage PK1E.

AU Petter, Jean G.; Vimr, Eric R. [Reprint author]

CS Dep. Vet. Pathobiol., Univ. Ill. Urbana-Champaign, IL 61801, USA

SO Journal of Bacteriology, (1993) Vol. 175, No. 14, pp. 4354-4363.
CODEN: JOBAAY. ISSN: 0021-9193.

DT Article

LA English

OS Genbank-M63657

ED Entered STN: 23 Aug 1993
Last Updated on STN: 28 Sep 1993

L13 ANSWER 17 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1993:345037 BIOSIS

DN PREV199396042037

TI Comparison of immunoreactivity between two different monoclonal antibodies recognizing *peptide* and *polysialic acid* chain *epitopes* on the *neural cell adhesion molecule* in normal tissues and lung tumors.

AU Tome, Yoshiya [Reprint author]; Hirohashi, Setsuo; Noguchi, Masayuki; Matsuno, Yoshihiro; Shimosato, Yukio

CS Clin. Lab. Div., Natl. Cancer Cent. Hosp., 5-1-1 Tsukiji, Chuo-ku, Tokyo 104, Japan

SO Acta Pathologica Japonica, (1993) Vol. 43, No. 4, pp. 168-175.
CODEN: APJAAG. ISSN: 0001-6632.

DT Article

LA English

ED Entered STN: 26 Jul 1993
Last Updated on STN: 26 Jul 1993

L13 ANSWER 18 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1993:272214 BIOSIS
DN PREV199396002439

TI A functional role for the middle extracellular region of the *neural cell adhesion molecule* (NCAM) in axonal fasciculation and orientation.

AU Pollerberg, G. Elisabeth [Reprint author]; Beck-Sickinger, Annette
CS Max-Planck Inst. Developmental Biol., Dep. Biochem., Spemannstr. 35/II,
D-7400 Tuebingen, Germany

SO Developmental Biology, (1993) Vol. 156, No. 2, pp. 324-340.
CODEN: DEBIAO. ISSN: 0012-1606.

DT Article

LA English

ED Entered STN: 9 Jun 1993

Last Updated on STN: 9 Jun 1993

L13 ANSWER 19 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:345563 CAPLUS
DN 146:519897

TI Site-directed antibodies to low-voltage-activated calcium channel CaV3.3 (alpha1I) subunit also target *neural cell adhesion molecule-180*

AU Chen, Y.; Sharp, A. H.; Hata, K.; Yunker, A. M. R.; Polo-Parada, L.; Landmesser, L. T.; McEner, M. W.

CS School of Medicine, Department of General Medical Sciences, Case Western Reserve University, Cleveland, OH, 44106, USA

SO Neuroscience (San Diego, CA, United States) (2007), 145(3), 981-996
CODEN: NRSCDN; ISSN: 0306-4522

PB Elsevier

DT Journal

LA English

RE.CNT 71 THERE ARE 71 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 20 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:556226 CAPLUS
DN 141:236325

TI Selection of Poly- α 2,8-Sialic Acid Mimotopes from a Random Phage Peptide Library and Analysis of Their Bioactivity

AU Torregrossa, Pascal; Buhl, Lone; Bancila, Mircea; Durbec, Pascale; Schafer, Claus; Schachner, Melitta; Rougon, Genevieve

CS Laboratoire de Neurogenese et Morphogenese dans le Developpement et chez l'Adulte, Unite Mixte de Recherche CNRS 6156, Institut de Biologie du Developpement, Universite de la Mediterranee, Marseille, 13288 9, Fr.

SO Journal of Biological Chemistry (2004), 279(29), 30707-30714
CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 21 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:326183 CAPLUS
DN 140:350619

TI Poly- α 2,8-sialic acid mimetic peptides and their use in the treatment of neurodegenerative and other conditions

PA Centre National de la Recherche Scientifique (CNRS), Fr.; Universite de la Mediterranee - Aix-Marseille II; Schafer-N; Universitat Hamburg

SO Eur. Pat. Appl., 36 pp.

CODEN: EPXXDW

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1411061	A1	20040421	EP 2002-292548	20021016
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	CA 2501994	A1	20040429	CA 2003-2501994	20031016
	WO 2004035609	A2	20040429	WO 2003-IB5108	20031016
	WO 2004035609	A3	20040826		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003278501	A1	20040504	AU 2003-278501	20031016
	EP 1551867	A2	20050713	EP 2003-769800	20031016
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2006516186	T	20060629	JP 2004-544626	20031016
	US 2006122108	A1	20060608	US 2005-531701	20051213
PRAI	EP 2002-292548	A	20021016		
	WO 2003-IB5108	W	20031016		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 22 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2003:389497 CAPLUS
DN 139:318848
TI Localization of defined carbohydrate *epitopes* in bovine
polysialylated NCAM
AU Wührer, Manfred; Geyer, Hildegard; von der Ohe, Maren; Gerardy-Schahn, Rita; Schachner, Melitta; Geyer, Rudolf
CS Fachbereich Humanmedizin, Biochemisches Institut, Universität Giessen, Giessen, 35392, Germany
SO Biochimie (2003), 85(1/2), 207-218
CODEN: BICMBE; ISSN: 0300-9084
PB Editions Scientifiques et Medicales Elsevier
DT Journal
LA English

RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 23 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2001:494584 CAPLUS
DN 135:191891
TI Characterization of N-glycans from mouse brain *neural*
cell adhesion molecule
AU Liedtke, S.; Geyer, H.; Wührer, M.; Geyer, R.; Frank, G.; Gerardy-Schahn, R.; Zahringer, U.; Schachner, M.
CS Zentrum für Molekulare Neurobiologie, Universität Hamburg, Hamburg, D-20246, Germany
SO Glycobiology (2001), 11(5), 373-384
CODEN: GLYCE3; ISSN: 0959-6658
PB Oxford University Press
DT Journal
LA English

RE.CNT 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 24 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2000:908363 CAPLUS
DN 134:249711
TI The *Polysialic Acid* Moiety of the *Neural Cell Adhesion Molecule* Is Involved in Intraretinal Guidance of Retinal Ganglion Cell Axons
AU Monnier, Philippe P.; Beck, Sven G. M.; Bolz, Jurgen; Henke-Fahle, Sigrid
CS Department of Ophthalmology, University of Tubingen, Tubingen, D-72076, Germany
SO Developmental Biology (Orlando, FL, United States) (2001), 229(1), 1-14
CODEN: DEBIAO; ISSN: 0012-1606
PB Academic Press
DT Journal
LA English

RE.CNT 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 25 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1993:618783 CAPLUS
DN 119:218783
TI Complete nucleotide sequence of the bacteriophage K1F tail gene encoding endo-N-acylneuraminidase (endo-N) and comparison to an endo-N homolog in bacteriophage PK1E
AU Petter, Jean G.; Vimr, Eric R.
CS Dep. Vet. Pathobiol., Univ. Illinois, Urbana, IL, 61801, USA
SO Journal of Bacteriology (1993), 175(14), 4354-63
CODEN: JOBAAY; ISSN: 0021-9193
DT Journal
LA English

L13 ANSWER 26 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1993:467102 CAPLUS
DN 119:67102
TI Comparison of immunoreactivity between two different monoclonal antibodies recognizing *peptide* and *polysialic acid* chain *epitopes* on the *neural cell adhesion molecule* in normal tissues and lung tumors
AU Tome, Yoshiya; Hirohashi, Setsuo; Noguchi, Masayuki; Matsuno, Yoshihiro; Shimosato, Yukio
CS Clin. Lab. Div., Natl. Cancer Cent. Hosp., Tokyo, 104, Japan
SO Acta Pathologica Japonica (1993), 43(4), 168-75
CODEN: APJAAG; ISSN: 0001-6632
DT Journal
LA English

L13 ANSWER 27 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1993:188090 CAPLUS
DN 118:188090
TI A functional role for the middle extracellular region of the *neural cell adhesion molecule* (NCAM) in axonal fasciculation and orientation
AU Pollerberg, G. Elisabeth; Beck-Sickinger, Annette
CS Dep. Biochem., Max-Planck Inst. Dev. Biol., Tuebingen, D-7400, Germany
SO Developmental Biology (Orlando, FL, United States) (1993), 156(2), 324-40
CODEN: DEBIAO; ISSN: 0012-1606
DT Journal
LA English

L13 ANSWER 28 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 2007144072 EMBASE

TI Site-directed antibodies to low-voltage-activated calcium channel Ca(V)3.3 (alpha1I) subunit also target **neural cell adhesion molecule-180**.
AU Chen Y.; Sharp A.H.; Hata K.; Yunker A.M.R.; Polo-Parada L.; Landmesser L.T.; McEnery M.W.
CS M.W. McEnery, Department of General Medical Sciences, Case Western Reserve University, School of Medicine, 10900 Euclid Avenue, Cleveland, OH 44106, United States. mwm4@case.edu
SO Neuroscience, (30 Mar 2007) Vol. 145, No. 3, pp. 981-996. .
Refs: 71
ISSN: 0306-4522 CODEN: NRSCDN
PUI S 0306-4522(06)01753-2
CY United Kingdom
DT Journal; Article
FS 026 Immunology, Serology and Transplantation
029 Clinical Biochemistry
008 Neurology and Neurosurgery
LA English
SL English
ED Entered STN: 16 Apr 2007
Last Updated on STN: 16 Apr 2007

L13 ANSWER 29 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 2004307348 EMBASE
TI Selection of poly- α 2,8-sialic acid mimotopes from a random phage peptide library and analysis of their bioactivity.
AU Torregrossa P.; Buhl L.; Bancila M.; Durbec P.; Schafer C.; Schachner M.; Rougon G.
CS G. Rougon, Lab. Neurogen./Morphogen./Devmt./A., Universite de la Mediterranee, Inst. de Biologie du Developpement, Parc Scientifique de Luminy, 13288 Marseille Cedex 9, France. rougon@ibdm.univ-mrs.fr
SO Journal of Biological Chemistry, (16 Jul 2004) Vol. 279, No. 29, pp. 30707-30714. .
Refs: 40
ISSN: 0021-9258 CODEN: JBCHA3
CY United States
DT Journal; Article
FS 021 Developmental Biology and Teratology
029 Clinical Biochemistry
LA English
SL English
ED Entered STN: 26 Aug 2004
Last Updated on STN: 26 Aug 2004

L13 ANSWER 30 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 2003215560 EMBASE
TI Localization of defined carbohydrates **epitopes** in bovine polysialylated NCAM.
AU Wührer M.; Geyer H.; Von Der Ohe M.; Gerurdy-Schahn R.; Schachner M.; Geyer R.
CS R. Geyer, Biochemisches Institut, Fachbereich Humanmedizin, Universität Giessen, Friedrichstrasse 24, 35392 Giessen, Germany. Rudolf.Geyer@biochemie.med.uni-giessen.de
SO Biochimie, (2003) Vol. 85, No. 1-2, pp. 207-218. .
Refs: 36
ISSN: 0300-9084 CODEN: BICMBE
CY Netherlands
DT Journal; Article
FS 029 Clinical Biochemistry
LA English
SL English
ED Entered STN: 12 Jun 2003

Last Updated on STN: 12 Jun 2003

L13 ANSWER 31 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 2001264129 EMBASE
TI Characterization of N-glycans from mouse brain **neural cell adhesion molecule**.
AU Liedtke S.; Geyer H.; Wahrer M.; Geyer R.; Frank G.; Gerardy-Schahn R.; Zahringer U.; Schachner M.
CS R. Geyer, Biochemisches Institut, Klinikum der Universitat, Friedrichstrasse 24, D-35392 Giessen, Germany
SO Glycobiology, (2001) Vol. 11, No. 5, pp. 373-384. .
Refs: 68
ISSN: 0959-6658 CODEN: GLYCE3
CY United Kingdom
DT Journal; Article
FS 008 Neurology and Neurosurgery
029 Clinical Biochemistry
LA English
SL English
ED Entered STN: 16 Aug 2001
Last Updated on STN: 16 Aug 2001

L13 ANSWER 32 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 2001030916 EMBASE
TI The **polysialic acid moiety of the neural cell adhesion molecule** is involved in intraretinal guidance of retinal ganglion cell axons.
AU Monnier P.P.; Beck S.G.M.; Bolz J.; Henke-Fahle S.
CS S. Henke-Fahle, Department of Ophthalmology, University of Tubingen, Schleichstrasse 12, 72076 Tubingen, Germany. sigrid.henke-fahle@med.uni-tuebingen.de
SO Developmental Biology, (1 Jan 2001) Vol. 229, No. 1, pp. 1-14. .
Refs: 60
ISSN: 0012-1606 CODEN: DEBIAO
CY United States
DT Journal; Article
FS 008 Neurology and Neurosurgery
021 Developmental Biology and Teratology
LA English
SL English
ED Entered STN: 8 Feb 2001
Last Updated on STN: 8 Feb 2001

L13 ANSWER 33 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 93206950 EMBASE
DN 1993206950
TI Complete nucleotide sequence of the bacteriophage K1F tail gene encoding endo-N-acylneuraminidase (endo-N) and comparison to an endo-N homolog in bacteriophage PK1E.
AU Petter J.G.; Vimm E.R.
CS Veterinary Pathobiology Department, University of Illinois, Urbana, IL 61801, United States
SO Journal of Bacteriology, (1993) Vol. 175, No. 14, pp. 4354-4363. .
ISSN: 0021-9193 CODEN: JOBAAY
CY United States
DT Journal; Article
FS 004 Microbiology
LA English
SL English
ED Entered STN: 15 Aug 1993
Last Updated on STN: 15 Aug 1993

L13 ANSWER 34 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 93128053 EMBASE
DN 1993128053
TI Comparison of immunoreactivity between two different monoclonal antibodies recognizing *peptide* and *polysialic acid* chain *epitopes* on the *neural cell adhesion molecule* in normal tissues and lung tumors.
AU Tome Y.; Hirohashi S.; Noguchi M.; Matsuno Y.; Shimosato Y.
CS Clinical Laboratory Division, National Cancer Center Hospital, 5-1-1 Tsukiji, Chuo-ku, Tokyo 104, Japan
SO Acta Pathologica Japonica, (1993) Vol. 43, No. 4, pp. 168-175. .
ISSN: 0001-6632 CODEN: APJAAG
CY Japan
DT Journal; Article
FS 005 General Pathology and Pathological Anatomy
015 Chest Diseases, Thoracic Surgery and Tuberculosis
016 Cancer
LA English
SL English
ED Entered STN: 6 Jun 1993
Last Updated on STN: 6 Jun 1993

L13 ANSWER 35 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 93122299 EMBASE
DN 1993122299
TI A functional role for the middle extracellular region of the *neural cell adhesion molecule* (NCAM) in axonal fasciculation and orientation.
AU Pollerberg G.E.; Beck-Sickinger A.
CS Max-Planck Inst. for Devel. Biology, Department of Biochemistry, Spemannstrasse 35/II, D-7400 Tubingen, Germany
SO Developmental Biology, (1993) Vol. 156, No. 2, pp. 324-340. .
ISSN: 0012-1606 CODEN: DEBIAO
CY United States
DT Journal; Article
FS 001 Anatomy, Anthropology, Embryology and Histology
021 Developmental Biology and Teratology
LA English
SL English
ED Entered STN: 6 Jun 1993
Last Updated on STN: 6 Jun 1993

L13 ANSWER 36 OF 36 TOXCENTER COPYRIGHT 2007 ACS on STN
AN 2004:102190 TOXCENTER
CP Copyright 2007 ACS
DN CA14022350619U
TI Poly- α 2,8-sialic acid mimetic *peptides* and their use in the treatment of neurodegenerative and other conditions
CS ASSIGNEE: Universitat Hamburg
PI EP 1411061 A1 21 Apr 2004
SO (2004) Eur. Pat. Appl., 36 pp.
CODEN: EPXXDW.
CY FRANCE
DT Patent
FS CAPLUS
OS CAPLUS 2004:326183
LA English
ED Entered STN: 4 May 2004
Last Updated on STN: 21 Feb 2006